

As a below named inventor, I declare that:

| inventor (if only one matter which is claim SCREENING FOR | name is listed be med and for whi INTERNALIZI | l citizenship are as stated be low) or an original, first and ich a patent is sought on the NG ANTIBODIES the spe 9/981,636, and was amended | joint inventor (if plural he invention entitled: N cification of which | inventors are named METHODS OF HIGH is attached hereto of | d below) of the subject GH-THROUGHPUT |
|--|--|--|--|---|---|
| amendment referred to in accordance with To Code, Section 119 of | o above. I ackno tle 37, Code of F any foreign app r patent or invent | contents of the above-ide wledge the duty to disclose i ederal Regulations, Section ilication(s) for patent or inveor's certificate having a filing | nformation which is mat 1.56. I claim foreign pri entor's certificate listed | terial to the examinat ority benefits under ' below and have also | tion of this application Title 35, United States o identified below any |
| | Country | Application No. | Date of Filing | Priority Claimed 35 USC 11 | |
| I hereby claim the ber | | 5, United States Code § 1190 | (e) of any United States p | | on(s) listed below: |

I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

60/241,279

December 18, 2000

| Application No. | Date of Filing | Status |
|-----------------|----------------|--------|
| | | |

ORIGINALLY FILED

| Full Name of | Full Name: | | |
|--------------|--------------------------|---------------------------|--------------------------|
| Inventor 1: | James D. Marks | | |
| Residence & | City: | State/Foreign Country: | Country of Citizenship: |
| Citizenship: | Kensington | California | United States of America |
| Post Office | Post Office Address: | | |
| Address: | 107 Ardmore Road, Ken | sington, California 94707 | |
| Full Name of | Full Name: | | |
| Inventor 2: | Ulrik B. Nielson | | |
| Residence & | City: | State/Foreign Country: | Country of Citizenship: |
| Citizenship: | Brookline | Massachusetts | Denmark |
| Post Office | Post Office Address: | | • |
| Address: | 143 Kent Street, Brookli | ne, Massachusetts 82446 | |
| Full Name of | Full Name: | | |
| Inventor 3: | Dimitri B. Kirpotin | | |
| Residence & | City: | State/Foreign Country: | Country of Citizenship: |
| Citizenship: | San Francisco | California | Russian republic |
| Post Office | Post Office Address: | | |
| Address: | 435 43rd Avenue, San Fi | ancisco, California 94121 | |
| Full Name of | Full Name: | | |
| Inventor 4: | | | |

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

| Signature of Inventor 1 | Signature of Inventor 2 | Signature of Inventor 3 |
|-------------------------|-------------------------|-------------------------|
| Somh | Tilett ID Bitalcan | Dimitri B. Kirpotin |
| James D. Warks | Ulrik B. Nielson | miniti p. kirpotiti |
| Date 3/25/02 | Date | Date |

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| Full Name of | Full Name: | | |
|--------------|---|----------------------------|--------------------------|
| Inventor 1: | James D. Marks | | |
| Residence & | City: | State/Foreign Country: | Country of Citizenship: |
| Citizenship: | Kensington | California | United States of America |
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| Inventor 2: | Ulrik B. Nielson NIE | LSEN | |
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| Citizenship: | Brookline | Massachusetts | Denmark |
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| Address: | 143 Kent Street, Brookline, Massachusetts 82446 | | |
| Full Name of | Full Name: | | |
| Inventor 3: | Dimitri B. Kirpotin | | |
| Residence & | City: | State/Foreign Country: | Country of Citizenship: |
| Citizenship: | San Francisco | California | Russian republic |
| Post Office | Post Office Address: | | |
| Address: | 435 43rd Avenue, San Fr | rancisco, California 94121 | |
| Full Name of | Full Name: | | |
| Inventor 4: | | | |

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| Signature of Inventor 1 | Signature of Inventor 2 | Signature of Inventor 3 |
|-------------------------|-------------------------|-------------------------|
| James D. Marks | Ulrik B. Nielson | Dimitri B. Kirpotin |
| Date | Date 6/3/02 | Date |

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| Full Name of | Full Name: | RADEMA | |
|-----------------------------|--|---------------------------------------|--|
| Inventor 1: | James D. Marks | | |
| Residence & Citizenship: | City: Kensington | State/Foreign Country: Calif rnia | Country of Citizenship: United States of America |
| Post Office Address: | Post Office Address: 107 Ardmore Road, Kens | ington, California 94707 | |
| Full Name of Inventor 2: | Full Name: Ulrik B. Nielson | | |
| Residence & Citizenship: | City: Brookline | State/Foreign Country: Massachusetts | Country of Citizenship: Denmark |
| Post Office Address: | Post Office Address: 143 Kent Street, Brooklin | e, Massachusetts 82446 | |
| Full Name of Inventor 3: | Full Name: Dimitri B. Kirpotin | | |
| Residence & Citizenship: | City: San Francisco | State/Foreign Country: California | Country of Citizenship: Russian republic |
| Post Office Address: | Post Office Address: 435 43rd Avenue, San Fra | ncisco, California 94121 | |
| Full Name of Inventor 4: | Full Name: | | |

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| Signature of Inventor 1 | Signature of Inventor 2 | Signature of Inventor 3 |
|-------------------------|-------------------------|-------------------------|
| James D. Marks | Ulrik B. Nielson | Dimitri B. Kirpotin |
| Date | Date | Date Marchia. 2002 |

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| | PTO/SB/96 (2-98) |
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| TATEMENT UNDER | Approved for use through 09/30/02000. OMB 0651-0031 |
| STATEMENT UNDER | 37 CFR 3.73(b) |
| STATEMENT STATE | |
| Lamas D. Warks, et al. | |
| Applicant: James D. Marks, et al. | Filed: October 16, 2001 |
| Application No.: 09/981,636 Entitled: METHODS OF HIGH-THROUGHPUT | SCREENING FOR INTERNALIZING |
| Entitled: METHODS OF HIGH-THROUGHPOT | |
| ANTIBODIES | university |
| The Regents of the University , a | ignee, e.g., corporation, partnership, university, government agency, etc.) |
| of California (Type of Assignee) | ignee, e.g., corporation, partnership, unitodoty) a |
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| A. [X] An assignment from the inventor(s) of the patent was recorded in the Patent and | patent application identified above. The data and the data are determined above. The data are |
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| which a copy thereof is attached. | |
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| i analogo other documents | in the chain of title are attached. |
| [X]Copies of assignments | is empowered to sign this statement on behalf of |
| The undersigned (whose title is supplied below) | is empowered to sign this statement on behalf of |
| the assignee. | Linda & Hevensor |
| <u>U 2 1 0 2</u> | Junda / Hevensor Signature |
| Date | Linda S. Stevenson |
| | Typed or printed name |
| | Manager, Patent Prosecution |
| | Title |

ASSIGNMENT

U.C. Case No. <u>2000-032-2</u> Attorney Docket No. 407T-897710US

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

1. James D. Marks 2. <u>Ulrik B. Nielson</u> 3. <u>Dimitri B. Kirpotin</u>

hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located 1111 Franklin Street, Twelfth Floor, Oakland, CA 94607-5200, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

TITLE: METHODS OF HIGH-THROUGHPUT SCREENING FOR INTERNALIZING ANTIBODIES

| and | which is found in |
|-----|--|
| (a) | U.S. provisional application filed herewith and listing the above named persons as inventors |
| (b) | U.S. patent application filed herewith and listing the above named persons as inventors |
| (c) | X U.S. application serial no. <u>09/981,636</u> , filed on <u>October 16, 2001</u> |
| (d) | U.S. Patent No.: , issued |

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the <u>ASSIGNOR(S)</u> requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of the University of California.

| executed this | Signature of Inventor(s) |
|------------------------|--------------------------|
| 2th day of march, 2002 | one on |
| ,, | James D. Marks |
| day of | Ulrik B. Nielson |
| day of, 2002 | |
| | Dimitri B. Kirpotin |

ASSIGNMENT

| U.C. Case No. <u>2000-032-2</u> Attorney Docket No. 407T-897710US |
|--|
| For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S), |
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| hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located 1111 Franklin Street, Twelfth Floor, Oakland, CA 94607-5200, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled: |
| TITLE: METHODS OF HIGH-THROUGHPUT SCREENING FOR INTERNALIZING ANTIBODIES |
| and which is found in |
| (a) U.S. provisional application filed herewith and listing the above named persons as inventors |
| (b) U.S. patent application filed herewith and listing the above named persons as inventors |
| (c) X U.S. application serial no. <u>09/981,636</u> , filed on <u>October 16, 2001</u> |
| (d) U.S. Patent No.:, issued |
| and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property; |
| ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment; |
| ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known. |
| AND the <u>ASSIGNOR(S)</u> requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of the University of California. |
| executed this Signature of Inventor(s) |
| day of |
| 3 day of Juna, 2002 Ulrik B. Nielson |

Dimitri B. Kirpotin

____ day of ______, 2002

ASSIGNMENT

U.C. Case No. <u>2000-032-2</u> Attorney Docket No. 407T-897710US

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

1. <u>James D. Marks</u> 2. <u>Ulrik B. Nielson</u> 3. <u>Dimitri B. Kirpotin</u>

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| and its territorial possessions and in all foreign countries in invention entitled: | and to, any and all improvements which are disclosed in the |
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| TITLE: METHODS OF HIGH-THROUGHPUT SCREENI | NG FOR INTERNALIZING ANTIBODIES |
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| (a) U.S. provisional application filed herewith and | listing the above named persons as inventors |
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| (d) U.S. Patent No.:, issued | |
| and any legal equivalent thereof in a foreign country, included and any legal equivalent thereof in a foreign country, included and the state of the | lication or any continuation, division, continuation-in-part, and any reissue, reexamination or extension of said Letters |
| ASSIGNOR(S) hereby covenants that no assignment, sale, entered into which would conflict with this assignment; | , agreement or encumbrance has been or will be made or |
| ASSIGNOR(S) further covenants that ASSIGNEE will, upon and documents relating to said invention and said Letters Patto ASSIGNOR and will testify as to the same in any interpromptly execute and deliver to ASSIGNEE or its legal required to apply for, obtain, maintain, issue or enforce said equivalents thereof which may be necessary or desirable to authorized and requested by the execution of this assignment number of said application when officially known. | atent and legal equivalents as may be known and accessible reference, litigation, or proceeding relating thereto and will representative any and all papers, instruments or affidavits application, said invention and said Letters Patent and said ocarry out the purposes thereof. An attorney of record is |
| AND the <u>ASSIGNOR(S)</u> requests the Commissioner of P United States and any reissue or extension thereof to the ASS | atents and Trademarks to issue said Letters Patent of the SIGNEE, The Regents of the University of California. |
| executed this | Signature of Inventor(s) |
| day of, 2002 | James D. Marks |
| , 2002 | Ulrik B. Mekon |
| 12 day of March 2002 | Ellafonos |